

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**  
INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
USA

(703) 205-8000

FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICE  
COSTA MESA, CALIFORNIA

SCOTT L. LOWE  
PAUL C. LEWIS  
RICHARD J. GALLAGHER  
JAYNE M. SAYDAH\*  
MARYANNE ARMSTRONG, PH.D.  
KECIA J. REYNOLDS  
ROBERT L. SCOTT, II  
KALPANA REDDY  
MARK E. OLDS  
ESTHER H. CHONG  
CATHERINE M. VOISINET\*  
EUGENE T. PEREZ

REG. PATENT AGENTS:  
FREDERICK R. HANDREN  
MAKI HATSUMI  
CRAIG A. McROBBIE  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
KRISTI L. RUPERT, PH.D.  
MATTHEW T. SHANLEY  
SUSAN W. GORMAN, PH.D.  
DAVID J. CHO  
ROBERT W. DOWNS

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
BERNARD L. SWEENEY\*  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
LEONARD D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
JOHN W. BAILEY  
MARK J. NUEL, PH.D.  
JAMES T. ELLER, JR.  
RICHARD ANDERSON

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT  
JAMES W. HELLWEGE

\*ADMITTED TO A BAR OTHER THAN VA.

Date: February 21, 2002  
Docket No.: 0033-0789P

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): NISHINA, Motohisa

For: SATELLITE BROADCAST RECEIVING DEVICE HAVING TWO LOCAL  
OSCILLATION CIRCUITS AND REDUCED SPURIOUS SIGNAL

Enclosed are:

- ☒ A specification consisting of 13 pages
- ☒ 7 sheet(s) of formal drawings
- ☒ An assignment of the invention - \$40.00 Recording Fee
- ☒ Certified copy of Priority Document(s)
- ☒ Executed Declaration ☒ Original ☐ Photocopy
- ☐ Applicant claims small entity status in accordance with 37 CFR 1.27
- ☐ Application Data Sheet in accordance with 37 C.F.R. 1.76

MAIL ADDRESS: P.O. Box 747, FALLS CHURCH, VIRGINIA, USA 22040-0747

02/21/02

11002 U.S. PTO

10/078710

02/21/02

- ☐ Preliminary Amendment  
☐ Information Disclosure Statement, PTO-1449 and reference(s)  
☐ Other \_\_\_\_\_  
☐ Applicant requests early publication

The filing fee has been calculated as shown below:

| LARGE ENTITY                                 |                         |                         |                                     | SMALL ENTITY |                                     |  |  |
|--|-------------------------|-------------------------|-------------------------------------|--------------|-------------------------------------|--|--|
| FOR  | NO. FILED               | NO. EXTRA               | RATE FEE                            |              | RATE FEE                            |  |  |
| BASIC FEE                                    | *****<br>*****<br>***** | *****<br>*****<br>***** | *****<br>*****<br>*****<br>\$740.00 | or           | *****<br>*****<br>*****<br>\$370.00 |  |  |
| TOTAL CLAIMS                                 | 7 - 20 =                | 0                       | x18 =\$ 0.00                        | or           | x 9 = \$ 0.00                       |  |  |
| INDEPENDENT                                  | 1 - 3 =                 | 0                       | x84 =\$ 0.00                        | or           | x 42 = \$ 0.00                      |  |  |
| MULTIPLE DEPENDENT CLAIM PRESENTED <u>no</u> |                         |                         | +280 = \$ 0.00                      | or           | +140 = \$ 0.00                      |  |  |
| TOTAL \$ 740.00                              |                         |                         |                                     |              | TOTAL \$ 0.00                       |  |  |

- ☒ A check in the amount of \$ 780.00 to cover the filing fee and recording fee (if applicable) is enclosed.  
☐ Please charge Deposit Account No. 02-2448 in the amount of \$ \_\_\_\_\_. A triplicate copy of this transmittal form is enclosed.  
☐ No fee is enclosed.

Please send correspondence to:


BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292  
 P.O. Box 747  
 Falls Church, VA 22040-0747  
 Telephone: (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
CHARLES GORENSTEIN

Reg. No. 29,271

P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000  
CG/nv

0033-0789P

#2

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: NISHINA, Motohisa

Application No.:

Group:

Filed: February 21, 2002

Examiner:

For: SATELLITE BROADCAST RECEIVING DEVICE HAVING TWO LOCAL  
OSCILLATION CIRCUITS AND REDUCED SPURIOUS SIGNAL

L E T T E R

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

February 21, 2002  
0033-0789P

Sir:

Under the provisions of 35 USC 119 and 37 CFR 1.55(a), the  
applicant hereby claims the right of priority based on the following  
application(s):

| <u>Country</u> | <u>Application No.</u> | <u>Filed</u> |
|----------------|------------------------|--------------|
| JAPAN          | 2001-044707            | 02/21/01     |

A certified copy of the above-noted application(s) is(are)  
attached hereto.

If necessary, the Commissioner is hereby authorized in this,  
concurrent, and future replies, to charge payment or credit any  
overpayment to Deposit Account No. 02-2448 for any additional fees  
required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly,  
extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By:



CHARLES GORENSTEIN

Reg. No. 29,271

P. O. Box 747

Falls Church, Virginia 22040-0747

Attachment  
(703) 205-8000  
/nv